Spis schematów

SCHEMATIC DIAGRAM

MAIN BOARD

LD MOTOR BOARD — LOADING MOTOR M103 — CN200 DR

I/O SWITCH BOARD — IN/OUT SW S701 — CN DS

SL-SP MOTOR BOARD — SLED MOTOR M101 — SPINDLE MOTOR M102 — LIMIT IN SWITCH S101 — IB101 — IB102 — CN200A

BU-5 OPTICAL PICK-UP B LOCK (KSS-150A) — FOCUS COIL — TRACKING COIL — LASER DIODE — DETECTOR — CN PH RED — CN PH WHT

SW BOARD — B501 — S501 POWER OFF ON — CN DA

CN204 DR — CN203 PH WHT — CN202 PH BLU — CN201 PH BLK — CN101 DR

US, CANADIAN,AEP,UK MODEL — E SAUDI ARABIA MODEL

PT1 POWER TRANSFORMER — NOT REPLACEABLE BUILT IN TRANSFORMER

FLD301 FLUORESCENT INDICATOR TUBE

PGM STEP

SHUFFLE SPACE FADE REPEAT 1 A-B EDIT

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

IC1 M5294P — +/- 5V REG.

IC2 CXA1081S — RF AMP/SIGNAL PROCESSOR/ LASER ON CIRCUIT

IC3 CXA1082BS — FOCUS/ TRACKING/ SLED SERVO

IC4 CXA1291P

IC5 CXA1291P — DRIVE AMP

IC6 MSC6458-32SS — SYSTEM CONTROL

IC7 CXD1125Q — DIGITAL SIGNAL PROCESSOR/ CLV SERVO

IC8 LC9600P -144 — 16-BIT RAM

IC9 CXD2550P — DIGITAL FILTER

IC10 CXD1161P-3 — D/A CONVERTER

IC11 M5204P — AUDIO AMP

IC12 M5231TL — +30V REG.

IC13 GP1U52 — REMOTE CONTROL DETECTOR

Q1 2SK381 TP-C REG SWITCH — Q2 LASER SWITCH 2SB1013TP — Q3,Q4 PLL SWITCH — Q3BIA4M — Q4 BALL4M — Q5 BAIL4M — Q60 BAIL4M SWITCH

D1 RD6.8 ES-T2 — D6 10E2-TA2 — D7 10E2-TA2 — D8 10E2-TA2 — D9 10E2-TA2

D3 1SS132T-73 — D4 1SS132T-73 — D5 1SS132T-73

X301 4MHz — X401 16.9MHz

TIME — AUTO SPACE — REPEAT — PROGRAM — SHUFFLE — CONTINUE — OPEN CLOSE — EDIT/ TIME FADE — CHECK — CLEAR

ADJ — AF ADJ — MUT — MDP

CN301 — SENSOR BOARD

CNP901 — CNP9 — AC IN — TN-1 — TN-2 — 220-240V — 110-120V — VS1 VOLTAGE SELECTOR

CN401 DR — L-CH — R-CH — J401 LINE OUT

HP BOARD — CN DS — J601 — PHONES — RV601 PHONE LEVEL

SIGNAL PATH — :CD

VOLTAGE AND WAVEFORMS ARE DC WITH RESPECT TO GROUND UNDER NO-SIGNAL CONDITIONS

NO MARK; STOP MODE

( ) : PLAY

THE COMPONENTS IDENTIFIED BY MARK △ OR DOTTED LINE WITH MARK△ ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.

ALL CAPACITORS ARE IN µF UNLESS OTHERWISE NOTED pF:µµF 50WV OR LESS ARE NOT INDICATED EXCEPT FOR ELECTROLYTICS AND TANTALUMS.

ALL RESISTORS ARE IN OM AND 1/4W OR LESS UNLESS OTHERWISE SPECIFIED.

△ : INTERNAL COMPONENT
▭ : ADJUSTMENT FOR REPAIR

VOLTAGES ARE TAKEN WITH A VOM.(INPUT IMPEDANCE 10M OM) VOLTAGE VARIATIONS MAY BE NOTED DUE TO NORMAL PRODUCTION TOLERANCES.

WAVEFORMS ARE TAKEN WITH A OSCILLOSCOPE. VOLTAGE VARIATIONS MAY BE NOTED DUE TO NORMAL PRODUCTION TOLERANSES.

CIRCLED NUMBERS REFERTO WAVEFORMS.

1 OSC 1 — 250n SEC — 5.2V — -0.2V

2 MDP — PLAY: — 540µ SEC — 5V — 2V

3 VCO1 — 120n SEC — 4.5V — -0.6V

4 VCO 0 — 120n SEC — 3.1V — -1.4V

5 MDS — PLAY — 5V — 0V — 130µSEC

9 FE — PLAY: — 0V — APPROX. 100VmVp-p

6 WDCK — 22µ SEC — 5Vp-p — 0V

10 TE — PLAY: — 0V — APPROX.500mVp-p

7 C210 — 480n SEC — 5V — 0V

11 RF — PLAY: — 1.3Vp-p

8 BCK — 240n SEC — 5V — 0V

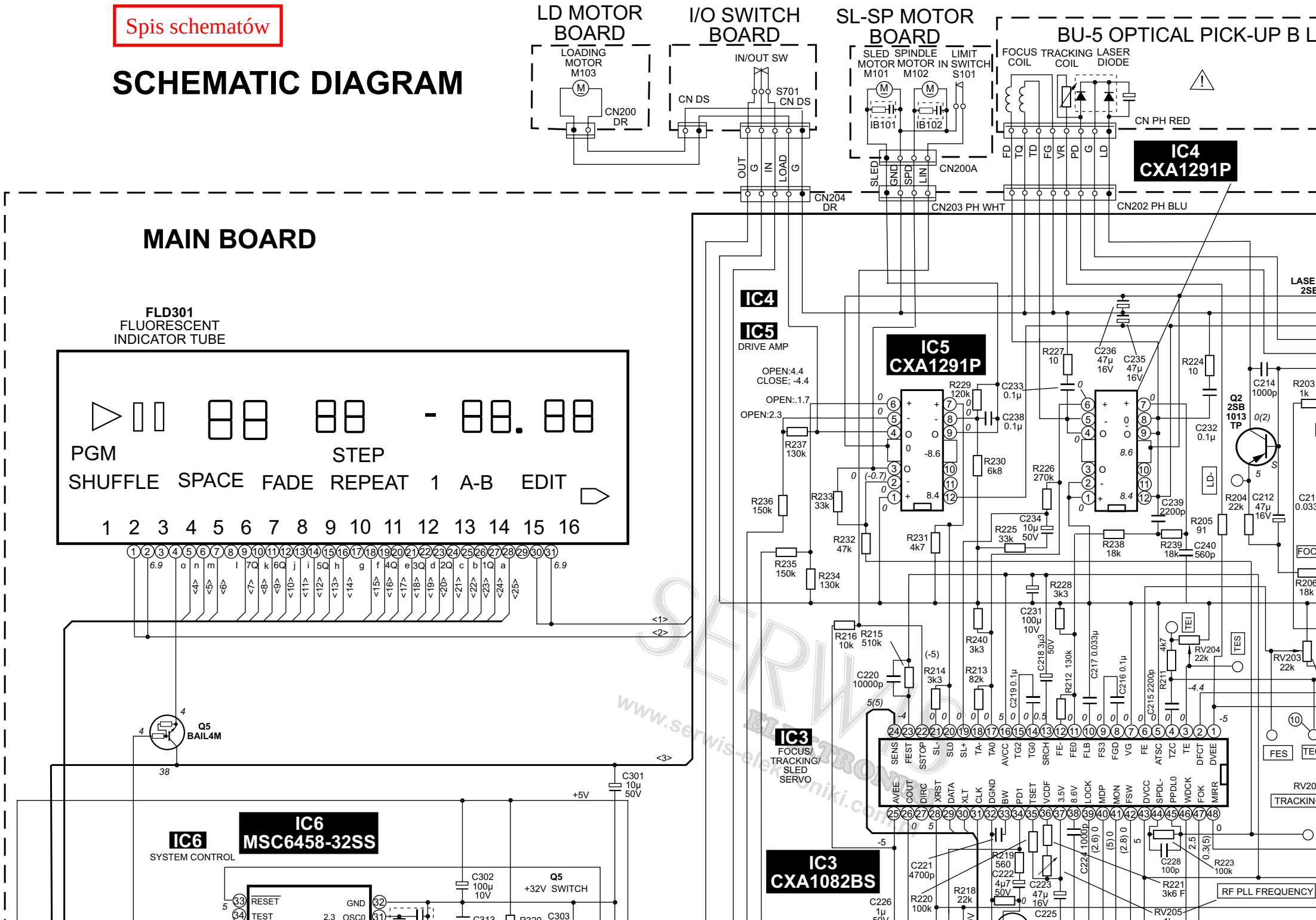
12 XTAL — 62n SEC — 5.4V — -0.4V

Odtwarzacz CD Sony CDP-270, CDP-470

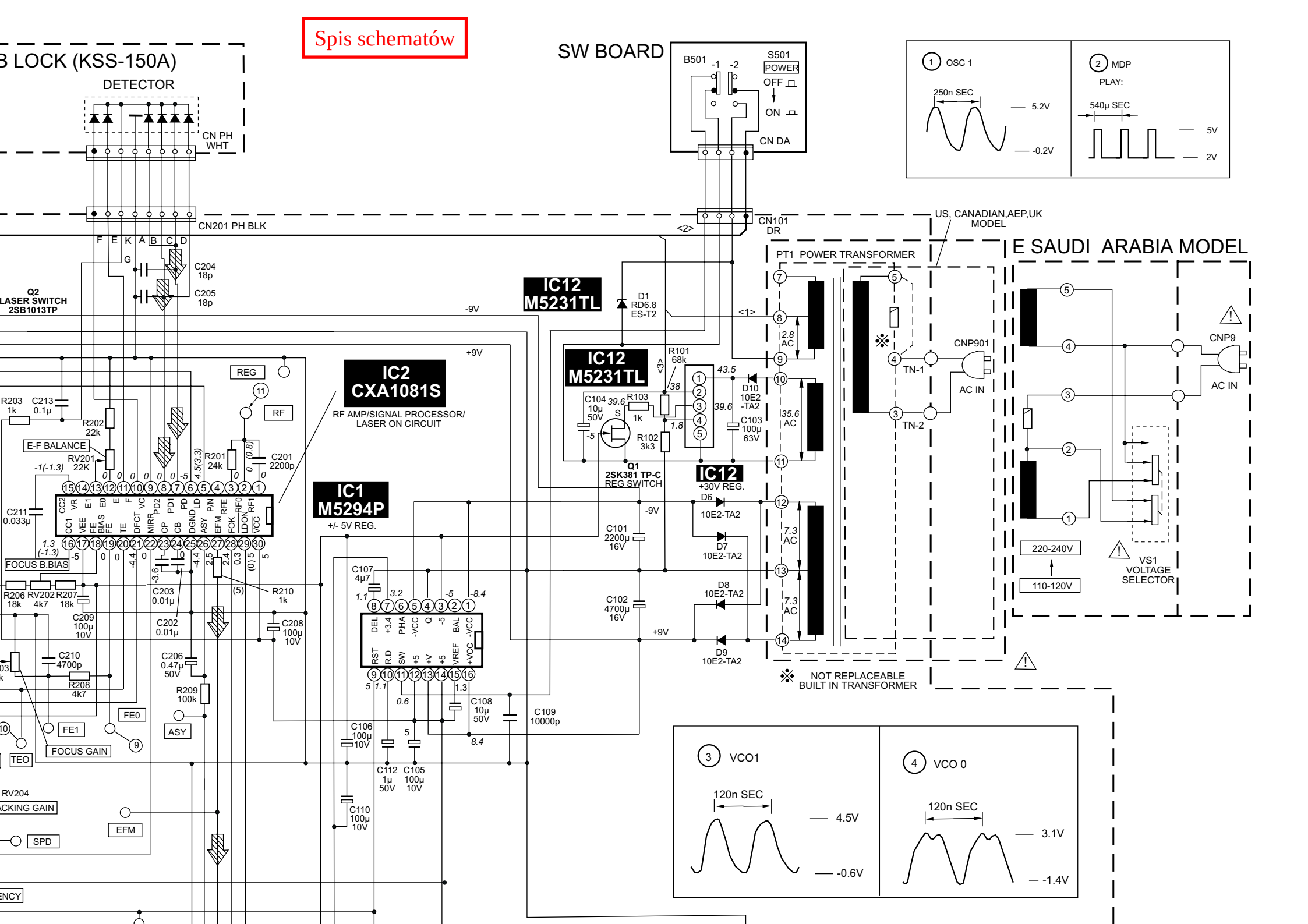
(strona 1/1)

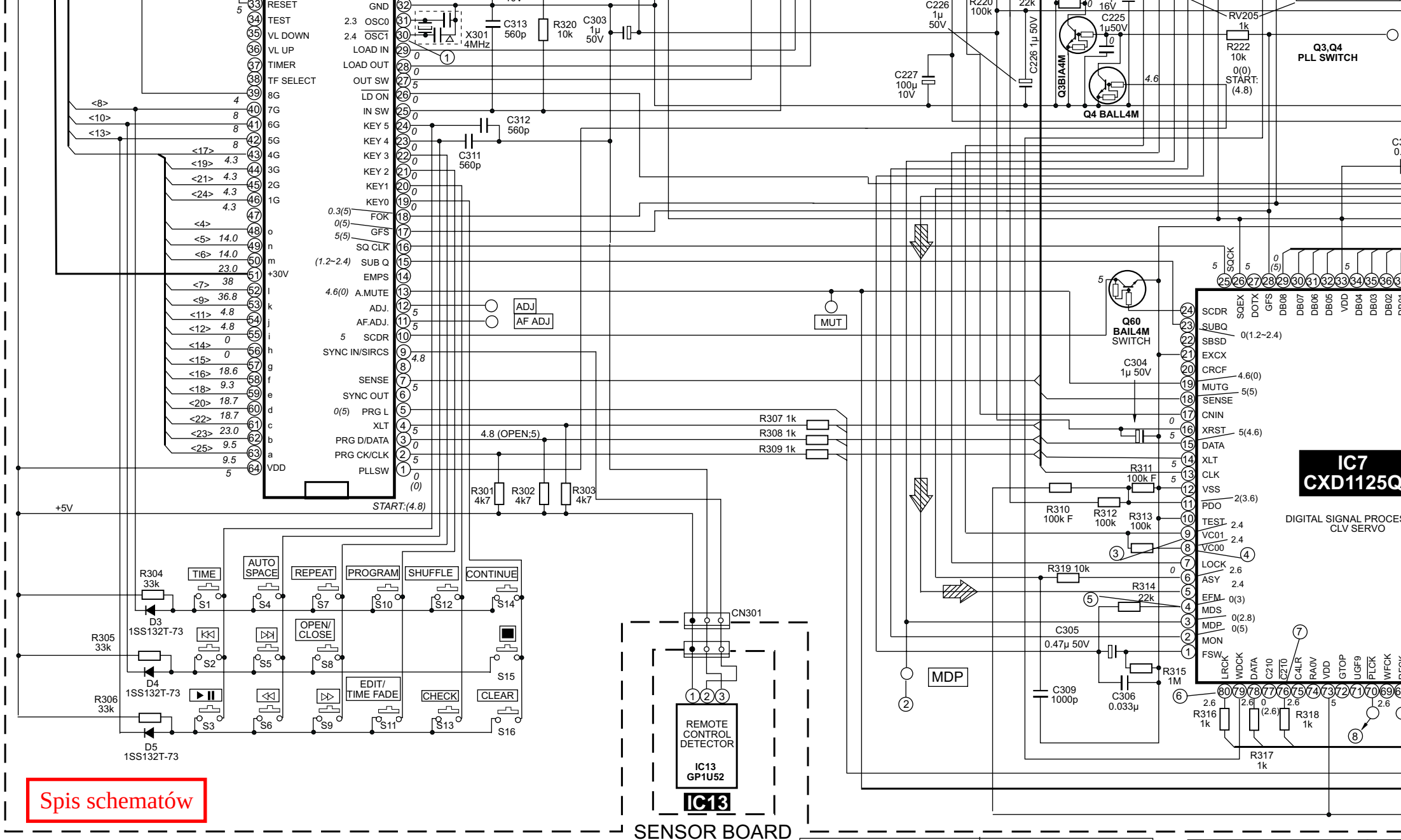
Spis schematów

SCHEMATIC DIAGRAM



Spis schematów





Spis schematów

5 MDS

PLAY

5V

0V

130µSEC

9 FE

PLAY:

0V

APPROX. 100VmVp-p

6 WDCK

22µ SEC

5Vp-p

0V

10 TE

PLAY:

0V

APPROX.500mVp-p

7 C210

480n SEC

5V

0V

11 RF

PLAY:

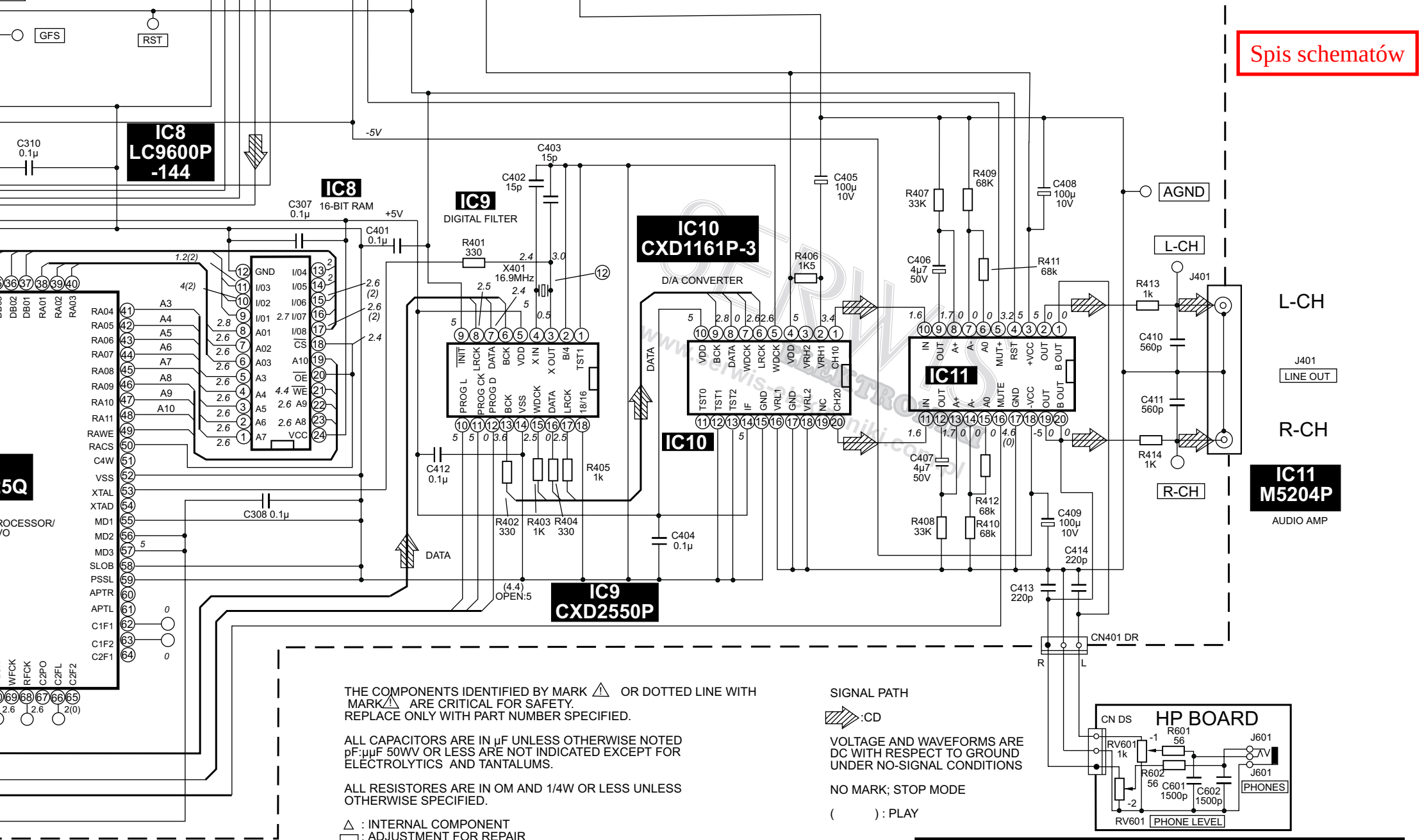
1.3Vp-p

8 BCK

240n SEC

5V

0V



Spis schematów

Odtwarzacz CD Sony CDP-270, CDP-470

(strona 1/1)